

CLAIMS

1. A piping system comprising:

a fluid impermeable sleeve having a plurality of longitudinal, spaced ribs formed on an interior surface of said sleeve;

fluid carrying tubing positioned internal to said sleeve;

a coupling having a first end and a second end, said first end having interior threads engaging an outer surface of said sleeve;

said coupling having a vent opening in fluid communication with said interior of said sleeve.

2. The piping system of claim 1 wherein:

said sleeve is a polymer.

3. The piping system of claim 1 wherein:

said coupling is a polymer.

4. The piping system of claim 1 wherein:

said second end having a shoulder to form a stop against said sleeve.

5. The piping system of claim 1 wherein:

said coupling has a higher durometer than said sleeve.

6. The piping system of claim 1 further comprising:

an o-ring on an interior of said sleeve proximate said first end.

7. The piping system of claim 1 wherein:

said tubing is corrugated stainless steel tubing.

8. The piping system of claim 1 further comprising:

a fitting secured to said tubing and said coupling.

9. The piping system of claim 8 wherein:

said fitting has a threaded extension and engages an interior surface of said coupling at said second end.

10. The piping system of claim 9 wherein:

said fitting is made of metal.

11. The piping system of claim 9 further comprising:

an o-ring positioned between said extension and said coupling.

12. The piping system of claim 1 wherein:

said tubing has a jacket.

13. The piping system of claim 12 wherein:

said jacket is perforated.

14. The piping system of claim 1 wherein:

said ribs have a triangular cross section.

15. The piping system of claim 1 further comprising:

a hose connected to said vent opening.

16. The piping system of claim 1 further comprising:

a sensor monitoring fluid from said vent opening.